

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/706,862		
		Filing Date	November 12, 2003		
		First Named Inventor	Ogihara, et al.		
		Group Art Unit	1711		
		Examiner Name	Zemel, Irina Sophia		
Sheet	1	of	1	Attorney Docket Number	035576/271443

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
<i>JS</i>	58	US-2002/0160207 A1	10-31-2002	Kohmura, et al.	
<i>JS</i>	59	US-2003/0157311 A1	08-21-1003	MacDougall, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
<i>JS</i>	60	EP 1 205 438 A1	05-15-2002	Mitsui Chemicals Inc.		
<i>JS</i>	61	EP 1 123 753 A2	08-16-2003	Air Products and Chemicals, Inc.		
<i>JS</i>	62	JP 2002-30249 (EPO Abstract)	07-14-2000	Catalysts & Chem. Ind. Co. Ltd.		
<i>JS</i>	63	JP 11-246665	09-14-1999	Japan Science & Technology Corp.		Abstract only

OTHER DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) , volume-issue number(s), publisher, city and-or country where published.	English Language Translation Attached

Examiner Signature	<i>Irina Zemel</i>	Date Considered	5-4-06
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Substitute for form 1449/PTO  
(Revised 07/2005)

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## U. S. PATENT DOCUMENTS

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	1	US-2002/0020327	02-21-2002	Hayashi, et al.	
	2	US-2002/0098279 A1	07-25-2002	Lyu, et al.	
	3	US-2002/0155053 A1	10-24-2002	Nishiyama, et al.	
	4	US-2003/0091838	05-15-2003	Hayashi, et al.	
	5	US-2003/0104225	06/05/2003	Shiota, et al.	
	6	US-2003/0064321	04-03-2003	Malik, et al.	
	7	US-4,634,509	01-06-1987	Shimizu, et al.	
	8	US-5,707,783	01-13-1998	Stauffer, et al.	
	9	US-5,494,859	02-27-1996	Kapoor	
	10	US-6,037,275	03-14-2000	Wu, et al.	
	11	US-6,197,913 B1	03-06-2001	Zhong	
	12	US-6,313,045	11-06-2001	Zhong, et al.	
	13	US-6,359,096	03-19-2002	Zhong, et a.	
	14	US-6,376,634	04-23-2002	Nishikawa, et al.	
	15	US-6,391,999 B1	05-21-2002	Crivello	
	16	US-6,413,647	07-02-2002	Hayashi, et al.	
	17	US-6,512,071	01-28-2003	Hacker, et al.	
	18	US-6,533,855	03-18-2003	Gaynor, et al.	
	19	US-6,534,025	03-18-2003	Yano, et al.	
	20	US-6,596,404	07-22-2003	Albaugh, et al.	
	21	US-6,632,489	10-14-2003	Watanabe, et al.	
	22	US-6,639,015	10-28-2003	Nakashima, et al.	
	23	US-6,696,538	02-24-2004	Ko, et al.	

Examiner Signature		Date Considered	5-8-06
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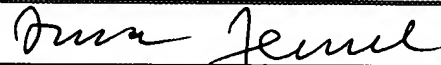
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	24	EP 1223192	07-17-2002	Shin-Etsu Chemical Co., Ltd.			
	25	EP 1245642	10-02-2002	Samsung Electronics Co., Ltd.			
	26	JP 05-125191	05-21-1993	Kanegafuchi Chem. Ind. Co. Ltd.		Abstract only	
	27	JP 06-145599	05-24-1994	Toray Industries, Inc.		Abstract only	
	28	JP 63-015355	04-04-1988	Tama Chemical Co. Ltd.		Abstract only	
	29	JP 09-194298	07-29-1997	Rikagaku Kenkyusho		Abstract only	
	30	JP 2000-309751	11-07-2000	JSR Corp.		Abstract only	
	31	JP 2000-309753	11-07-2000	JSR Corp.		Abstract only	
	32	JP 2000-345041	12-12-2000	JSR Corp.		Abstract	
	33	JP 2000-044875	02-15-2000	JSR Corp.		Abstract only	
	34	JP 2001-002993	01-09-2001	JSR Corp.		Abstract only	
	35	JP 2001-080915	03-27-2001	Matsushita Electric Ind Co Ltd		Abstract only	
	36	JP 2001-98218	04-10-2001	Hitachi Chem. Co., Ltd.		Abstract only	
	37	JP 2001-115021	04-24-2001	Asahi Kasei Corp.		Abstract only	
	38	JP 2001-115028	04-24-2001	JSR Corp.		Abstract only	
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


### FOREIGN PATENT DOCUMENTS



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	39	JP 2001-115029	04-24-2001	JSR Corp.		Abstract only	
	40	JP 2001-130911	05-15-2001	Japan Chemical Innovation Institute		Abstract only	
	41	JP 2001-131479	05-15-2001	Tokyo Ohka Kogyo Co., Ltd.		Abstract only	
	42	JP 2001-157815	06-12-2001	Toyota Central Res. & Dev. Lab Inc. & Denso Corp.		Abstract only	
	43	JP 2001-164186	06-19-2001	JSR Corp.		Abstract Only	
	44	JP 2001-203197	07-27-2001	JSR Corp.		Abstract only	
	45	JP 2001-240798	09-04-2001	JSR Corp.		Abstract only	
	46	JP 2001-354904	12-25-2001	JSR Corp.		Abstract only	
	47	JP 2001-049178	02-20-2001	JSR Corp.		Abstract only	
	48	JP 2001-049179	02-20-2001	JSR Corp.		Abstract only	
	49	JP 2001-055554	02-27-2001	JSR Corp.		Abstract & claims only	
	50	JP 2002-020688	01-23-2002	JSR Corp.		Abstract only	
		51	JP 2002-020689 A	01-23-2002	JSR Corp.		Abstract only

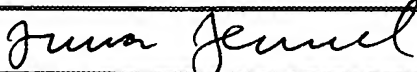
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	52	JP 2002-023354	01-23-2002	Shin-Etsu Chemical Co., Ltd.		Abstract only
	53	JP 2002-030249 A	01-31-2002	Catalysts & Chem. Ind. Co. Ltd.		Abstract only
	54	JP 2002-038090 A	02-06-2002	JSR Corp.		Abstract only
	55	WO 00/12640	03-09-200	Catalysts & Chemicals Industries Co., Ltd.		Abstract only

OTHER DOCUMENTS			
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	56	BURKETT ET AL., "Synthesis Of Hybrid Inorganic-Organic Mesoporous Silica By Co-Condensation Of Siloxane And Organosiloxane Precursors," <u>J. Chem. Soc. Chem. Commun.</u> , 1996, 1367-1368.	
	57	INAGAKI ET AL., "Synthesis Of Highly Ordered Mesoporous Materials From A Layered Polysilicate", <u>J. Chem. Soc. Chem. Commun.</u> , 1993, pp. 680-682.	

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